Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 27 Mar 2023 until 23:59 on Tuesday 28 Mar 2023

Forecast Issued on Monday 27 Mar 2023 at 02:18

Confidence: High for the overall story. Becoming Medium in details from Wednesday and Low for the extent of rain on Friday.

Headline for Monday 27 Mar 2023: Rather cold start a few wintry showers. Then a mostly dry morning with bright spells. Long sunny spells developing later in the afternoon.

Mountain weather hazards on Monday 27 Mar 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light snow showers (night)	Sunny intervals	Cloudy	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability					
40%	20%	20%	10%	<05%	<05%

Forecast for Monday 27 Mar 2023

Weather: Rather cloudy with well scattered wintry showers at first. Frost patches possible around dawn where skies are clearer. Largely dry and bright during daylight hours, although cloudy periods expected. Clear skies in the evening, with frost possible by midnight.

Chance of cloud-free hill tops above 600m: 70% at first, mainly in wintry showers, soon improving 90% or more.

Low cloud and visibility: Cloud bases may lower in wintry showers to briefly cover higher peaks. With further patches of bases around 700m as cloud develops. Visibility very good outside of any showers.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 27 Mar 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/7 E	6/8 NE	4/6 NW	5/8 SW	8/12 S	14/22 SE	17/28 S
300	4/5 E	4/6 E	3/5 N	4/6 W	6/11 S	12/22 SE	15/25 S
Valley	3/6 E	3/5 E	3/5 NW	3/6 SW	4/9 S	7/19 SE	10/24 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-4	-1/-4	1/-1	3/1	2/-1	2/-3	2/-4
300	1/-1	2/0	4/3	6/4	5/3	4/0	3/-2
Valley	2/0	3/2	5/4	7/6	6/4	4/1	4/-0
Freezing Level*	300m	300m	400m	600m	600m	600m	600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Chance of strong spring sunshine through the afternoon. Freshening winds late on pose a risk of wind chill into the night.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 27 Mar 2023	0.2mm	3.8mm	8.6mm

Forecast for Tuesday 28 Mar 2023

Weather: Cloud thickening overnight with patchy rain and summit snow possible by dawn. Rain becoming more persistent and occasionally heavy, with any summit snow soon turning to rain as milder conditions arrive. Remaining cloudy with further rain or drizzle in the evening. Windy with a chance of summit gales.

Maximum wind: South or south-westerly 25-30mph, gusts 40-45mph.

Chance of cloud-free hill tops above 600m: 80% at first, reducing from the west to 40% by late-morning and 20% by evening.

Low cloud and visibility: Extensive low cloud spreading eastward, with bases lowering to 300-500m. Visibility good initially, then falling moderate to very poor in precipitation.

Temperature: **Valleys:** Zero Celsius rising to 2 Celsius by dawn, then 8 Celsius
At 600m: Zero Celsius rising to Plus 5 Celsius
Freezing level: Around 400m at dawn, soon rising above the summits. Well above summits late on.

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